

REMARKS

Claims 1-41 are pending and under consideration in this application. Claims 1, 11, 26, 31, 36, and 38-41 are amended herein. Support for the amendments to the claims may be found in the claims as originally filed and, in particular, in claim 11. Claims 31 and 39, for example, have been amended to incorporate features from claim 11, which was indicated to contain allowable subject matter. Reconsideration is requested based on the foregoing amendment and the following remarks.

Claim Rejections - 35 U.S.C. § 102:

Claims 1-10, 16, 17, 22, 23, 24, and 26-41 were rejected under 35 U.S.C. § 102(b) as anticipated by U.S. Patent No. 6,910,074 to Amin et al. (hereinafter "Amin"). The rejection is traversed to the extent it would apply to the claims as amended.

The claimed invention relates, in several embodiments, to a network connecting device which configures a packet relay processing apparatus relaying a packet, as described in the present specification from, inter alia, page 3, line 15 to page 4, line 2. The network connecting device comprises a session managing unit managing a session and a packet processing unit relaying a packet based on the session management made by the session managing unit. The session managing unit and the packet processing unit may, in some embodiments, be constituted within a server. This configuration makes it possible to assign common processes, which are employed for accomplishing network services of a conventional form, to the network connecting device. Consequently, a high speed of service processes processed by the server may be achieved. As a result, the load on the server can be reduced, thereby speeding up the service process performed by the server.

Claims 1, 26, 36, 38, 40, and 41, in particular, recite:

Network connecting device as a network adapter.

Amin neither teaches, discloses, nor suggests, a "network connecting device as a network adapter," as recited in claims 1, 26, 36, 38, 40, and 41.

Claims 1 and 26 recite further:

Relaying a packet based on session management made by said session managing unit.

Amin neither teaches, discloses, nor suggests, "relaying a packet based on session management made by said session managing unit," as recited in claims 1 and 26. In Amin,

rather, service session management facilitates network services to the application service platforms and/or to the end users based on *subscribers'* specific information and network preferences, as described at column 1, lines 59-63:

The service session management role of the NGN architecture facilitates network services to the application service platforms and/or to the end users based on subscribers' specific information and network preferences.

Since, in Amin, service session management facilitates network services to the application service platforms and/or to the end users based on *subscribers'* specific information and network preferences, Amin is not, "relaying a packet based on session management made by said session managing unit," as recited in claims 1 and 26. The subscriber is not a session managing unit.

Furthermore, in Amin, the service session management function coordinates to validate and enforce demands for change in resources or quality of service based on the access network service *provider's* policy rules, as described at column 7, lines 26-29:

More precisely, the service session management function coordinates to validate and enforce demands for change in resources or quality of service based on the access network service provider's policy rules.

Since, in Amin, the service session management function coordinates to validate and enforce demands for change in resources or quality of service based on the access network service provider's policy rules, Amin is not, "relaying a packet based on session management made by said session managing unit," as recited in claims 1 and 26. The access network service provider is not a session managing unit.

Furthermore, in Amin, the rules are set with respect to the service, business and network management requirements of the network service *provider*, as described at column 7, lines 30, 31, and 32:

Such rules are set with respect to the service, business and network management requirements of the network service provider.

Since, in Amin, the rules are set with respect to the service, business and network management requirements of the network service provider, Amin is not, "relaying a packet based on session management made by said session managing unit," as recited in claims 1 and 26. The network service provider is not a session managing unit.

Finally, in Amin, the rules are also based on service level agreements derived with different network service providers and application service platforms that allow them to use

network resources and network services, as described at column 7, lines 32-35:

Also, it includes rules based on service level agreement derived with different network service providers and application service platforms that allow them to use network resources and network services.

Since, in Amin, the rules are also based on service level agreements derived with different network service providers and application service platforms that allow them to use network resources and network services, Amin is not, “relaying a packet based on session management made by said session managing unit,” as recited in claims 1 and 26. The network service providers are not a session managing unit.

Claims 31 and 39 recite:

Storing a policy which describes a rule for executing a service for a packet.

Amin neither teaches, discloses, nor suggests, “storing a policy which describes a rule for executing a service for a packet,” as recited in claims 31 and 39. In Amin, rather, the policy is set by the network service provider, as discussed above with respect to the rejections of claims 1 and 26.

Claim 36 recites:

Setting a policy describing a rule for executing a service for a packet in a network connecting device.

Amin neither teaches, discloses, nor suggests, “setting a policy describing a rule for executing a service for a packet in a network connecting device,” as recited in claim 36. In Amin, rather, the policy is set by the network service provider, as discussed above with respect to the rejections of claims 1 and 26. Claims 1, 26, 31, 36, 38, 39, 40, and 41 are submitted to be allowable. Withdrawal of the rejection of claims 1, 26, 36, 38, 40, and 41 is earnestly solicited.

Claims 2-10, 16, 17, 22, 23, 24, 27-30, 32-35, and 37 depend from either claim 1, claim 26, claim 31, or claim 36 and add further distinguishing elements. Claims 2-10, 16, 17, 22, 23, 24, 27-30, 32-35, and 37 are thus also submitted to be allowable. Withdrawal of the rejection of claims 2-10, 16, 17, 22, 23, 24, 27-30, 32-35, and 37 is also earnestly solicited.

Allowable Subject Matter:

The Applicants acknowledge with appreciation the indication that claims 11-15, 18-21, and 25 contain allowable subject matter. Claim 11 has consequently been amended to include substantially the subject matter of claims 1 and 5, from which it depended, and is thus now in independent form. Claims 12-15, 18-21, and 25 depend from claim 11 and add further

distinguishing elements. All of claims 11-15, 18-21, and 25 are thus believed to be allowable.

Conclusion:

Accordingly, in view of the reasons given above, it is submitted that all of claims 1-41 are allowable over the cited references.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

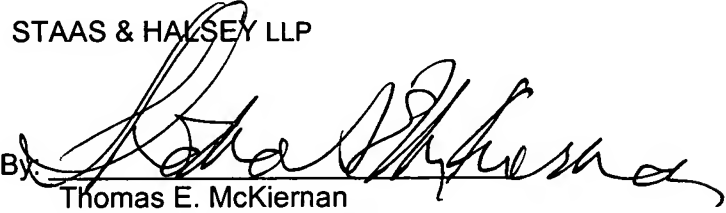
Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: 05 JA 06

By: 
Thomas E. McKiernan
Registration No. 37,889

1201 New York Avenue, NW, Suite 700
Washington, D.C. 20005
Telephone: (202) 434-1500
Facsimile: (202) 434-1501